

GGCACGAGTCGGAGCCCGG

CGGAGGGGAGGGGGGAAAGAGGAGCGCAGGGTGAGAGTGAGCCGACGGCTTCGGGAGGCGAGGGGGCGGGGGGAGCAGC

GCCGAGGYYCGCCGCTCCGCTCCGCTCCGCTTAGGACTAGGGGGTGGGGGACGGACAAGCCCCG	M P G E	4
ATG CCG GGG GAG		12
T E E P R P P E Q Q D Q E G G E A A K A		24
ACG GAA GAG CCG AGA CCC CCG GAG CAG CAG GAC CAG GAA GGG GGA GAG GCG GCC AAG GCG		72
A P E E P Q Q R P P E A V A A A P A G T		44
GCT CCG GAG GAG CCC CAA CAA CGG CCC OCT GAG GCG GTC GCG GCG GCG OCT GCA GGG ACC		132
T S S R V L R G G R D R G R A A A A A A		64
ACT AGC AGC CGC GTG CTG AGG GGA GGT CCG GAC CGA GGC CCG GCC GCT GCG GCC GCC GCC		192
A A A V S R R R K A E Y P R R R R S S P		84
GCC GCA GCT GTG TCC CGC CGG AGG AAG GCC GAG TAT CCC CGC CGG CGG AGG AGC AGC CCC		252
S A R P P D V P G Q Q P Q A A K S P S P		104
AGC GCC AGG CCT CCC GAC GTC CCC GGG CAG CAG CCC CAG GCC GCG AAG TCC CCG TCT CCA		312
V Q G K K S P R L L C I E K V T T D K D		124
GTT CAG GGC AAG AAG AGT CCG CGA CTC CTA TGC ATA GAA AAA GTA ACA ACT GAT AAA GAT		372
P K E E K E E E D D S A L P Q E V S I A		144
CCC AAG GAA GAA AAA GAG GAA GAA GAC GAT TCT GCC CTC CCT CAG GAA GTT TCC ATT GCT		432
A S R P S R G W R S S R T S V S R H R D		164
GCA TCT AGA CCT AGC CGG GGC TGG CGT AGT AGT AGG ACA TCT GTT TCT CGC CAT CGT GAT		492
T E N T R S S R S K T G S L Q L I C K S		184
ACA GAG AAC ACC CGA AGC TCT CCG TCC AAG ACC GGT TCA TTG CAG CTC ATT TGC AAG TCA		552
E P N T D Q L D Y D V G E E H Q S P G G		204
GAA CCA AAT ACA GAC CAA CTT GAT TAT GAT GTT GGA GAA GAG CAT CAG TCT CCA GGT GGC		612
I S G E E E E E E E E M L I S E E E I		224
ATT AGT GGT GAA GAG GAA GAG GAG GAG GAA GAA GAG ATG TTA ATC AGT GAA GAG GAG ATA		672
P F K D D P R D E T Y K P H L E R E T P		244
CCA TTC AAA GAT GAT CCA AGA GAT GAG ACC TAC AAA CCC CAC TTA GAA AGG GAA ACC CCA		732
K P R R K S G K V K E E K E K K E I K V		264
AAG CCA CGG AGA AAA TCA GGG AAG GTA AAA GAA GAG AAG GAG AAG AAG GAA ATT AAA GTG		792
E V E V E V K E E E N E I R E D E E P P		284
GAA GTA GAG GTG GAG GTG AAA GAA GAG GAG AAT GAA ATT AGA GAG GAT GAG GAA CCT CCA		852
R K R G R R R K D D K S P R L P K R R K		304
AGG AAG AGA GGA AGA AGA CGA AAA GAT GAC AAA AGT CCA CGT TTA CCC AAA AGG AGA AAA		912
K P P I Q Y V R C E M E G C G T V L A H		324
AAG CCT CCA ATC CAG TAT GTC CGT TGT GAG ATG GAA GGA TGT GGA ACT GTC CTT GCC CAT		972
P R Y L Q H H I K Y Q H L L K K K Y V C		344
CCT CGC TAT TTG CAG CAC CAC ATT AAA TAC CAG CAT TTG CTG AAG AAG AAA TAT GTA TGT		1032
P H P S C G R L F R L Q K Q L L R H A K		364
CCC CAT CCC TCC TGT GGA CGA CTC TTC AGG CTT CAG AAG CAA CTT CTG CGA CAT GCC AAA		1092
H H T D Q R D Y I C E Y C A R A F K S S		384
CAT CAT ACA GAT CAA AGG GAT TAT ATC TGT GAA TAT TGT GCT CGG GCC TTC AAG AGT TCC		1152

FIG. 1A

06799910021397

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H N L A V H R M I H T G E K P L Q C E I	404
CAC AAT CTG GCA GTG CAC CGG ATG ATT CAC ACT GGC GAG AAG CCA TTA CAA TGT GAG ATC	1212
C G F T C R Q K A S L N W H M K K H D A	424
TGT GGA TTT ACT TGT CGA CAA AAG GCA TCT CTT AAT TGG CAC ATG AAG AAA CAT GAT GCA	1272
D S F Y Q F S C N I C G K K F E K K D S	444
GAC TCC TTC TAC CAG TTT TCT TGC AAT ATC TGT GGC AAA AAA TTT GAG AAG AAG GAC AGC	1332
V V A H K A K S H P E V L I A E A L A A	464
GTA GTG GCA CAC AAG GCA AAA AGC CAC CCT GAG GTG CTG ATT GCA GAA GCT CTG GCT GCC	1392
N A G A L I T S T D I L G T N P E S L T	484
AAT GCA GGC GCC CTC ATC ACC AGC ACA GAT ATC TTG GGC ACT AAC CCA GAG TCC CTG ACG	1452
Q P S D G Q G L P L L P E P L G N S T S	504
CAG CCT TCA GAT GGT CAG GGT CTT CCT CTT CTT CCT GAG CCC TTG GGA AAC TCA ACC TCT	1512
G E C L L L E A E G M S K S Y C S G T E	524
GGA GAG TGC CTA CTG TTA GAA GCT GAA GGG ATG TCA AAG TCA TAC TGC AGT GGG ACG GAA	1572
R V S L M A D G K I F V G S G S S G G T	544
CGG GTG AGC CTG ATG GCT GAT GGG AAG ATC TTT GTG GGA AGC GGC AGC AGT GGA GGC ACT	1632
E G L V M N S D I L G A T T E V L I E D	564
GAA GGG CTG GTT ATG AAC TCA GAT ATA CTC GGT GCT ACC ACA GAG GTT CTG ATT GAA GAT	1692
S D S A G P *	570
TCA GAC TCT GCC GGA CCT TAG TGGACAGGAAGACTTGGGGCATGGGACAGCTCAGACTTTGTATTAAAAAGT	1761
TAAAAAGGACAAAAAAAAAAAAAAAAAAAA	1791

FIG. 1B

06799910-021397

GGCCCCCGATCCCGGGCGGGCGCCCCCGGGCCCCCGCGCGGCCCCGGCCTCCGGGAGACTGGCGCATGCCACGGAGCG  
CCCCTCGGGCGCGCCGCGCTCCTGCGCGGGCCCCTGCTGCTGCTGCTGTGCGCTGGCGCTGCTGCCCCAACTCGGCGCC

FIG. 2A

G F S I K A F D Y E K A Y S L Q R P N D	382
GGT TTC TCC ATC AAG GCT TTC GAC TAC GAG AAG GCG TAC AGC CTG CAG CGG CCC AAT GAC	1146
H E F M Q Q P W T G F T V Q I S F V K G	402
CAC GAG TTT ATG CAG CAG CCG TGG ACG GGC TTT ACC GTG CAG ATC AGC TTT GTG AAG GGC	1206
W G Q C Y T R Q F I S S C P C W L E V I	422
TGG GGT CAG TGC TAC ACC CGC CAG TTC ATC AGC AGC TGC CCG TGC TGG CTA GAG GTC ATC	1266
F N S R *	426
TTC AAC AGC CGG TAG CCGCGTGGGAGGGGACAGAGCGTGAGCTGAGCAGGCCACACTTCAAACACTTTTGCT	1278

GCTAATATTTTCTCCTGAGTGCTTGCTTTTCATGCAAACCTCTTTGGTGGTTTGTGTTGTTGGTTGGTTTCT  
 TCTTCTCGTCTCGTTTGTGTTCTGTTTGTTCGCTCTTTGAGAAATAGCTTATGAAAAGAATTGTTGGGGGTTTGT  
 TGAAGAAGGGGAGGTATGATCGGCAGGACACCTGATAGGAAGAGGGGAAGCAGAAATCCAAGCACCACCAAACACA  
 GTGTATGAAGGGGGCGGTTCATTTCACTTGTGAGGAGTGTGTGTGAGTGTGAGTGTGCGGCTGTGTGTGCACGCGT  
 GTGCAGGAGCGGCAGATGGGGAGACAACTGCTCTTTGTTTGTGTCTCTTATGGATGTCCCCAGCAGAGAGCTTTGCA  
 GTCCCAAGCGGTGTCTCTCTGCCCCCTTGGACACGCTCAGTGGGGCAGAGGCAGTACCTGGGCAAGCTGGCGGCTGGGG  
 TCCAGCAGCTGCCAGGAGCAGGCTCTGTCCCCAGCTGGGAAAGCCCCCTGCCCCCTCTCTCCCTCATCAAGGACAGC  
 GGCTGTCCACAGGCTTCTGAGCAGCGAGCTGCTAGTGGCCGAACAGAACCAATTATTTTCATCCTGTCTTTATTC  
 CTTCTGCCAGCCCCCTGCCATTGTAGCGTCTTTCTTTTGGCCATCTGCTCCTGGATCTCCCTGAGATGGGCTTCCCA  
 AGGGCTGCCGGGGCAGCCCCCTCACAGTATTGCTCACCCAGTGGCTCTCCCTCAGCCTCTCCCTGCTGCTGCTGGT  
 GACATCAGGTTTTTCCCGGACTTAGAAAAACAGCTCAGCACTGCCTGCTCCCATCTGTGTGTTAAGCTCTGCTATTAG  
 GCCAGCAAGCGGGGATGTCCCTGGGAGGGAATGCTTAGCAGTCCCCCTCCCTCCAAGAAGGATTTGGTCCGTCATAAC  
 CCAAGGTACCATCTAGGCTGACACCTAACTCTTCTTTCATTCTTCTACAACCTACACACTCGTATGATACTTCGACA  
 CTGTTCTTAGCTCAATGAGCATGTTTAGACTTTAACATAAGCTATTTTCTAACTACAAAGGTTTAAATGAACAAGAGA  
 AGCATTTCTATTGGAATTTAGCATTGTAGTCTTTGAGAGAGAAAGGACTCCTGAAAAAAACCTGAGATTTATTAA  
 GAAAAAATGTATTTATGTTATATATAAATATATTACTGTAAATATAAAGACGTTTATAAGCATCATTATTTA  
 TGTATTGTGCAATGTGTATAAACAAGAAAAATAAAGAAAAGATGCACCTTTGCTTTAATATAAATGCAAAATAACAAATGC  
 CAAATTAAAAAAGATAACACAAGATTGGTGTTTTTCTATGGGTGTATCACCTAGCTGAATGTTTTCTAAAGGAG  
 TTTATGTTCCATTAAACGATTTTAAAAATGTACACTTGAAAAA

FIG. 2B

68799910-021397

FIG. 3

7853-067-999 (Sheet 6 of 9)

T	S	L	A	L	V	L	N	L	L	Q	I	Q	R	N	V	T	L	F	P			20
ACG	AGC	CTA	GCC	CTG	GTG	CTC	AAC	CTG	CTG	CAG	ATC	CAG	AGG	AAT	GTC	ACT	CTC	TTC	CCC		60	
E	E	V	I	A	T	I	F	S	S	A	W	W	V	P	P	C	C	G	T			40
GAG	GAG	GTG	ATC	GCC	ACC	ATC	TTT	TCC	TCC	GCC	TGG	TGG	GTC	CCT	CCC	TGC	TGC	GGG	ACA		120	
A	A	A	V	V	G	L	L	Y	P	C	I	D	S	H	L	G	E	P	H			60
GCA	GCT	GCT	GTT	GTT	GGC	CTA	CTG	TAC	CCC	TGT	ATC	GAC	AGT	CAC	CTC	GGA	GAA	CCC	CAC		180	
K	F	K	R	E	W	A	S	V	M	R	C	I	A	V	F	V	G	I	N			80
AAA	TTT	AAG	AGA	GAA	TGG	GCC	AGT	GTC	ATG	OGC	TGC	ATA	GCA	GTT	TTT	GTT	GGC	ATT	AAC		240	
H	A	S	A	K	L	D	F	A	N	N	V	Q	L	S	L	T	L	A	A			100
CAC	GCC	AGT	GCT	AAA	TTG	GAT	TTT	GCC	AAT	AAT	GTC	CAG	CTG	TCC	TTG	ACT	TTA	GCA	GCC		300	
L	S	L	G	L	W	W	T	F	D	R	S	R	S	G	L	G	L	G	I			120
CTA	TCT	TTG	GGC	CTT	TGG	TGG	ACA	TTT	GAT	CGT	TCC	AGA	AGT	GGC	CTT	GGG	CTG	GGG	ATC		360	
T	I	A	F	L	A	T	L	I	T	Q	F	L	V	Y	N	G	V	Y	Q			140
ACC	ATA	GCT	TTT	CTA	GCT	ACG	CTG	ATC	ACG	CAG	TTT	CTC	GTG	TAT	AAT	GGT	GTC	TAT	CAG		420	
Y	T	S	P	D	F	L	Y	I	R	S	W	L	P	C	I	F	F	S	G			160
TAT	ACA	TCC	CCA	GAT	TTC	CTC	TAT	ATT	CGT	TCT	TGG	CTC	CCT	TGT	ATA	TTT	TTC	TCA	GGA		480	
G	V	T	V	G	N	I	G	R	Q	L	A	M	G	V	P	E	K	P	H			180
GGC	GTC	ACG	GTG	GGG	AAC	ATA	GGA	CGA	CAG	TTA	GCT	ATG	GGT	GTT	CCT	GAA	AAG	CCC	CAT		540	
S	D	*																				
AGT	GAT	TGA	GTCTTCAAAACCACCGATTCTGAGAGCAAGGAAGATTTTGGAAAGAAAATCTGACTGTGGATTATGAC																		182	
AAAGATTATCTTTTTTCTTAAGTAATCTATTTAGATCGGGCTGACTGTACAAATGACTCCTGGAAAAAACTCTTCACCT																					546	
AGTCTAGAATAGGGAGGTGGAGAATGATGACTTACCOCTGAAGTCTTCCCTTGACTGCCCGCACTGGCGCCTGTCTGTGC																						
CCTGGAGCATTTCTGCCACGGCTACGTGGGTTCCAGGCAGGTGGCAGCTTCCCAAGTATTCGATTTTCATTCATGTGATTAA																						
AACAAGTTGCCATATTTCAAAAAAAAAAAAAAAAAAATCTCGAGACCAACCCGCAGTTTGTGTCTAGTGCCCAAGGAGGT																						
AGGTTGATGGTGCTTAACAAACATGAAGTATGGTGTAATAGGAATAATATTTATCCNAAAGATTTTTAAAAATAGGGCT																						
GTGTTTTAAAAAAAAAAAAAAAAAAAAA																						

FIG. 4

7853-067-999 (Sheet 6 of 9)

7853-067-999 (Sheet 7 of 9)

M	C	H	S	R	S	C	H	P	T	M	T	I	L	Q	A	P	T	P	A	20
ATG	TGT	CAC	TCT	CGC	AGC	TGC	CAC	CCG	ACC	ATG	ACC	ATC	CTG	CAG	GCC	CCG	ACC	CCG	GCC	60
P	S	T	I	P	G	P	R	R	G	S	G	P	E	I	F	T	F	D	P	40
CCC	TCC	ACC	ATC	CCG	GGA	CCC	CGG	CGG	GGC	TCC	GGT	CCT	GAG	ATC	TTC	ACC	TTC	GAC	CCT	120
L	P	E	P	A	A	A	P	A	G	R	P	S	A	S	R	G	H	R	K	60
CTC	CCG	GAG	CCC	GCA	GCG	GCC	CCT	GCC	GGG	CGC	CCC	AGC	GCC	TCT	CGC	GGG	CAC	CGA	AAG	180
R	S	R	R	V	L	Y	P	R	V	V	R	R	Q	L	P	V	E	E	P	80
CGC	AGC	CGC	AGG	GTT	CTC	TAC	CCT	CGA	GTG	GTC	CGG	CGC	CAG	CTG	CCA	GTC	GAG	GAA	CCG	240
N	P	A	K	R	L	L	F	L	L	L	T	I	V	F	C	Q	I	L	M	100
AAC	CCA	GCC	AAA	AGG	CTT	CTC	TTT	CTG	CTG	CTC	ACC	ATC	GTC	TTC	TGC	CAG	ATC	CTG	ATG	300
A	E	E	G	V	P	A	P	L	P	P	E	D	A	P	N	A	A	S	L	120
GCT	GAA	GAG	GGT	GTG	CCG	GCG	CCC	CTG	CCT	CCA	GAG	GAC	GCC	CCT	AAC	GCC	GCA	TCC	CTG	360
A	P	T	P	V	S	P	V	L	E	P	F	N	L	T	S	E	P	S	D	140
GCG	CCC	ACC	CCT	GTG	TCC	CCC	GTC	CTC	GAG	CCC	TTT	AAT	CTG	ACT	TCG	GAG	CCC	TCG	GAC	420
Y	A	L	D	L	S	T	F	L	Q	Q	H	P	A	A	F	*				157
TAC	GCT	CTG	GAC	CTC	AGC	ACT	TTC	CTC	CAG	CAA	CAC	CCG	GCC	GCC	TTC	TAA				471
CTGTGACTCCCCGCACTCCCCAAAAAGAATCCGAAAAACCACAAAGAAACACCAGGCGTACCTGGTGCGCGAGAGCGTA																				550
TCCCCAACTGGGACTTCCGAGGCAACTTGAAGCTCAGAACACTACAGCGGAGAGGCCACCCGGTGCTTGAGGCGGGACCG																				629
AGGCGCACAGAGACCGAGGCGCATAGAGACCGAGGCACAGCCAGCTGGGGCTAGGCCCGGTGGGAAGGAGAGCGTCGT																				708
TAATTTATTTCTTTATTTGCTCCTAATTAATATTTATATGTATTTATGTACGTCTCTCTAGGTGATGGAGATGTGTACGTA																				787
ATATTTATTTTAACTTATGCAAGGGTGTGAGATGTTCCCTCTGCTGTAAATGCAGGTCTCTTGGTATTTATTGAGCTTT																				866
GTGGGACTGGTGAAGCAGGACACCTGGAAGTCGGCAAAGTAGGAGAAGAAATGGGGAGGACTCGGGTGGGGGAGGAC																				945
GTCCCGGCTGGGATGAAGTCTGGTGGTGGGTCTAAGTTTAGGAGGTGACTGCATCCTCCAGCATCTCAACTCCGTCTG																				1024
TCTACTGTGTGAGACTTCGGCGGACCATTAGGAATGAGATCCGTGAGATCCTTCCATCTTCTTGAAGTCGCCTTTAGGG																				1103
TGGCTGCGAGGTAGAGGGTTGGGGTTGGTGGGCTGTACGGAGCGACTGTGAGATCGCCTAGTATGTTCTGTGAACA																				1182
CAAATAAAATTGATTTACTGTCAAAAAAAAAAAAAAAAAAACTCGAG																				1228

FIG. 5

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GAATTCGGCCACGAGGKCAAGAGCTCCTTTACTGGTCTCCCATCATGGGCTTAGGGTTGAGTCTTCA	68
GGTTCTGGGGGACGAGAGGAGCGGGCACTCAGGAGGCCCCCTCCCAATCCAAGCCCCCTCTTTGGGAGGGGGGAAACTTG	147
GCAACCCCGGAGGCATGTGGATCTTTTCTTAAGCAAGATGCTGAGCTGGAAAGATGGGGGTAAAGGTAAATGTCCCAA	226
CTGAAACTTTGCCAGGCACTGGGAGAGGCTGTGAATCTTTTCTGGCTTTAGAATTTAAGTCTAGATCCAAAAAGGCTA	305
AGTACCCCCCTGGGGGCTAACCAGAGGCATGCCCTGGGCTGAGCTGAACCTTCTGGTGCCTGGGCCCCCTGGCTGACTGCTC	384
TTCTGCAGGAAGTTGGAGGAGATTCTCTGAAGTTGATTCTCAGGCTGGATGTCCAAGGGGTTGGAGTTTCTGATGTCT	463
TTCTGTCTCCCTCTCTTTTCTTTCTCTCCCTACCAGGTCCACTTCTTTTCAGAGGGGCTGGGGTCTCTAAAAGTTCTC	542
CTGTTAAAGTTTAGAGCAAAATGGTTATTATTTTAAAAATCAATAAACTTTTAAAGTACTAAGACAATCTTAAGAGG	621
GGAGTGGACAGAGGGGCTGGTGGCAGCTCACAGTTTCTTTTCTGACCTTTGGTCTCAACCAAGTGTCCCACTGAG	700
TGCCCACTTTGCCCACTGAGGTAATGCCCTGGGCTCCACCAGTCCAGATCCACAGGGGCGAGCATGTGGGAGTGGC	779
GGCTGATTGTATCCCACTAGTGTGTGATAGCACATTATTCATAACAGCCAAAGAGAGGAAGCAACCAAAATGTCCATTAG	858
CTGATAAATGGATAAATGAAATATGGTACGTCCGAAGATGGAATATCATTCACCCATGAAAAAGAAAGTCCAGCA	937
CCAAAAAGTGTCTACAACATGGATGAACCTTGGATGACTTTGTGCCCATGAAAGAAAGAGCCAGCCACAAAAGGCCATAT	1016
ATTGTATGAAATGAA ATG TCC AGA ATG GGC AAA CCC ATA GAG ACA CAA AAA TCT CCG CCA CCT	16 1079
P Y S R L S P R D E Y K P L D L S D S T	36
CCC TAC TCT CCG CTG TCT OCT CGC GAC GAG TAC AAG CCA CTG GAT CTG TCC GAT TCC ACA	1139
L S Y T E T E A T N S L I T A P G E F S	56
TTG TCT TAC ACT GAA ACG GAG GCT ACC AAC TCC CTC ATC ACT GCT CCG GGT GAA TTC TCA	1199
D A S H S P D A T K P S H W C S V A Y W	76
GAC GCC AGC ATG TCT CCG GAC GCC ACC AAG CCG AGC CAC TGG TGC AGC GTG GCG TAC TGG	1259
E H R T R V G R L Y A V Y D Q A V S I F	96
GAG CAC CCG ACG CGC GTG GGC CGC CTC TAT GCG GTG TAC GAC CAG GCC GTC AGC ATC TTC	1319
Y D L P Q G S G F C L G Q L N L E Q R S	116
TAC GAC CTA CCT CAG GGC AGC GGC TTC TGC CTG GGC CAG CTC AAC CTG GAG CAG CGC AGC	1379
E S V R R T R S K I G F G I L L S K E P	136
GAG TCG GTG CCG CGA ACG CGC AGC AAG ATC GGC TTC GGC ATC CTG CTC AGC AAG GAG CCC	1439
D G V W A Y N R G E H P I F V N S P T L	156
GAC GGC GTG TGG GCC TAC AAC CGC GGC GAG CAC CCC ATC TTC GTC AAC TCC CCG ACG CTG	1499
D A P G G R A L V V R K V P P G Y S I K	176
GAC GCG CCC GGC GGC CGC GGC CTG GTC GTG CGC AAG GTG CCC CCC GGC TAC TCC ATC AAG	1559
V F D F E R S G L Q H A P E P D A A D G	196
GTG TTC GAC TTC GAG CGC TCG GGC CTG CAG CAC GCG CCC GAG CCC GAC GGC GGC GAC GGC	1619
P Y D P N S V R I S F A K G W G P C Y S	216
CCC TAC GAC CCC AAC AGC GTC CGC ATC AOC TTC GCC AAG GGC TGG GGG CCC TGC TAC TCC	1679
R Q F I T S C P C W L E I L L N K P R	235
CGG CAG TTC ATC ACC TCC TGC CCC TGC TGG CTG GAG ATC CTC CTC AAC AAC CCC AGA TAG	1739

FIG. 6A

06799910.021397



7853-067-999 (Sheet 9 of 9)

TGGCGGCCCCGGCGGGAGGGGCGGGTGGG/GGCGCGGGCCACCGCCACCTGCCGGGCTCGAGAGGGGCGGATGCCCAGA 1818  
GACACAGCCCCCAGGACAAAACCCCCCAGATATCATCTACCTAGATTTAATATAAAGTTTATATATTATATGGAAAT 1897  
ATATATTATACTTGTAAATTATGGAGTCATTTTTACAATGTAATTATTTATGTATGGTCAATGTGTGTATATGGACAAA 1976  
ACAAGAAAGACCGCACTTTGGCTTATAATTCTTTCAATACAGATATATTTCTTTCTCTCTCTCTCTCTCTCTCTCTCT 2055  
TTTTATATATATATATAAAGAAAATGATACAGCAGAGCTAGGTGGAAAAGCCTGGGTTTGGTGTATGGTTTTTGAGATA 2134  
TTAATGCCAGACAAAAAGCTAATACCAGTCACTCGATAATAAAGTATTCCGATTATAGTTTTTTTTAACTGTCTTCT 2213  
TTTTACAAAGAGGGGAGGTAGGGCTTCAGCGATTCTGACCCATCATGTACCTTGAAACTTGACCTCAGTTTTTCAAG 2292  
TTTTACTTTTTATTGGATAAAGACAGAACAAATTGAAAAGGGAGGAAAGTCACATTTACTCTTAAGTAAACCAGAGAAAG 2371  
TTCGTGTGTCTCTCTGCCCCATGGCTATGGGGTGTCCAGTGGATAGGGATGGGGTGGGGAAAAGGAGAATACACTGG 2450  
CCATTATCTCTGGACAAGCTCTTCCAGTCTGATGGAGGAGGTTCATGCCCTAGCCTAGAAAGGCCAGGTCCATGACCC 2529  
CCATCTTTGAGTTATGAGCAAGCTAAAAGAAGACACTATTTCTCACCATTTTGTGAAAATGGCTGGGGAAACAAAGACT 2608  
GAAATGGGCCTTGAGCCACCTGCTACCTTGACAGAGAACCATCTCGAGCCCCGTAGATCTTTTTAGGACCTCCACAGGC 2687  
TATTTCCACCCCCCAGCCAAAAATAGCTCAGAATCTGCCATCCAGGGCTGTATTAATGATTTATGTAAAGGCAGATG 2766  
GTTTATTTCTACTTTGTAAAAGGGAAAAGTTGAGGTCTGGAAGGATAAATGATTGCTCATGAGACAAAATCAAGGTT 2845  
AGAAGTTACATGGAATTGTAGGACCAGAGCCATATCATTAGATCAGCTTTCTGAAGAATATTCTCAAAAAAGAAAGTC 2924  
TCCTTGGCCAGATAACTAAGAGGAATGTTTCATTGTATATCTTTTTTCTTGGAGATTTATATTAACATATTAAGTGCTC 3003  
TGAGAAGTCTGTGATTATCTCTTGCTGCATAATAAATTATCCCCAACTTAAAAAAAAAAAAAAAAAAAAAACTCGA 3082  
G 3083

FIG. 6B

06799910-021397